

01/16/01
JC974 U.S. PTO

01-18-01

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PTO/SB/05 (08-00)
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|--|------------------------|---|
| UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new non-provisional applications under 37 CFR 1.53(b))</small> | Attorney Docket No. | TI-31019 |
| | First Named Inventor | Mati Amit |
| | Title | CMTS Architecture Based on Ethernet Interface Locatable in a Fiber Node |
| | Express Mail Label No. | EL651154501US |

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| APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small> | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 |
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| | |
|--|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small> | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) |
| 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | 8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages 23] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure | a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies |

| | |
|--|---|
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 3] | ACCOMPANYING APPLICATIONS PARTS 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small> 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input type="checkbox"/> Other: <div></div> |
| 5. Oath or Declaration [Total Pages 1] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/division with Box 17 completed)</small> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(h).</small> | |
| 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | |
| 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76 <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____ Prior application information: Examiner _____ Group / Art Unit: _____ | |
| For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts. | |

| | | | | | |
|--|--|-----------|----------------|----------|----------------|
| 18. CORRESPONDENCE ADDRESS | | | | | |
| <input type="checkbox"/> Customer Number or Bar Code Label | <div></div> or <input type="checkbox"/> Correspondence address below | | | | |
| Name | J. Dennis Moore | | | | |
| Address | Texas Instruments Incorporated P.O. Box 655474 | | | | |
| City | Dallas | State | Texas | Zip Code | 75265 |
| Country | US | Telephone | (972) 917-5646 | Fax | (972) 917-4418 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to compete this form should be sent to the Chief Information Office, patent and Trademark office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington DC 20231.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

| | | | | |
|--------------------------------|--|--------------------|-----------------------------|----------|
| TOTAL AMOUNT OF PAYMENT | | (\$) 938.00 | Application Number | TBD |
| | | | Filing Date | Herewith |
| | | | First Named Inventor | Amit |
| | | | Examiner Name | TBD |
| | | | Group Art Unit | TBD |
| | | | Attorney Docket No. | TI-31019 |

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 20-0668

Deposit Account Name: Texas Instruments Incorporated

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed

☐ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|--------------------|
| 101 | 710 | 201 | 355 | Utility filing fee | 710.00 |
| 106 | 320 | 206 | 160 | Design filing fee | |
| 107 | 490 | 207 | 245 | Plant filing fee | |
| 108 | 710 | 208 | 355 | Reissue filing fee | |
| 114 | 150 | 214 | 75 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$) 710.00 |

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 26 | 6 | 18 | 108.00 |
| Independent Claims | 4 | 1 | 80.00 |
| Multiple Dependent | | | |

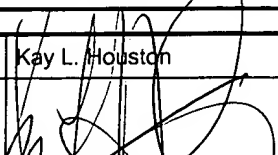
| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|--|--------------------|
| 103 | 18 | 203 | 9 | Claims in excess of 20 | |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 | |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid | |
| 109 | 80 | 209 | 40 | ** Reissue independent claims over original patent | |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | | | | (\$) 188.00 |

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------------------|-----------------------|-----------------------|-----------------------|--|-------------------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | Extension for reply within second month | |
| 117 | 890 | 217 | 445 | Extension for reply within third month | |
| 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | |
| 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | Design issue fee | |
| 144 | 600 | 244 | 300 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| 126 | 240 | 126 | 240 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 |
| 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37CFR 1.129(b)) | |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | | | |
| *Reduced by Basic Filing Fee Paid | | | | | |
| SUBTOTAL (3) | | | | | (\$) 40.00 |

| | | | |
|---------------------|---|-----------------------------------|------------------|
| SUBMITTED BY | | Complete (if applicable) | |
| Name (print/type) | Kay L. Houston | Registration No. (Attorney/Agent) | 38,495 |
| Signature |  | Telephone | (972) 401-9786 |
| | | Date | January 16, 2001 |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mati Amit

Art Unit: TBD

Serial No.: TBD

Examiner: TBD

Filed: January 16, 2001

Docket: TI-31019

For: CMTS Architecture Based on Ethernet Interface Locatable in a Fiber Node

Certificate of Mailing via Express Mail

EXPRESS MAIL mailing label number: EL651154501US

Date of Deposit: January 16, 2001

I hereby certify that the following documents, which are enclosed, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: BOX: Patent, Assistant Commissioner for Patents, Washington, DC 20231:

- Utility Patent Application Transmittal (1 page)
- Information Disclosure Statement and 1449 (2 pages)
 - Attached documents (14 pages)
- Complete Copy of Patent Application (26 pages), to include:
 - Specification (23 pages)
 - Drawings (3 pages)
- Declaration and Power of Attorney (1 page)
- Assignment Recordation Form Cover Sheet (1 page)
- Assignment (1 page)
- Fee Transmittal: Original and 1 Duplicate (2 pages)
- Return Postcard (2 cards)

Respectfully submitted,

Karen Fabritiis

Karen Fabritiis

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